

ANDERSON[®] Versa-Crimp[®] System

**Tooling, Connectors,
and Accessories**



POWER SYSTEMS



The Versa-Crimp® Compression System

Versa-Crimp range-taking technology has revolutionized compression tooling since 1961.

Versa-Crimp Compression Tools

Simple Science Behind an Impressive Tool: Range-Taking

With ANDERSON Tools, eliminate the need for die-type compression systems. Instead of die-type "distance travel" systems, the Die-Less Range-Taking Versa-Crimp Hydraulic Pressure Response System uses self-contained crimping "jaws" to cover an entire range. In operation, the jaws advance in a continuous motion until the combined response of the jaw, conductor and connector forces reach a pre-set limit at crimp completion.

■ **Benefits:**

- Saves time and money: 50 - 75% inventory reduction potential.
- Eliminates hassles with die use and incorrect die selection crimp failures.
- Offers a product range of performance not just a "size."
- Superior multi-point crimp head designs for every need.



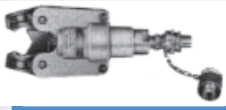
Compression Tools Any Way You Need Them

With three tool styles and eight tool families to choose from, you are certain to find the right tool for the job. ***It's Simple.*** No dies. No set-up. No adjustments. One tool: ***Versa-Crimp.***



Versa-Crimp Hand Tools

- Rugged "bulletproof" construction. Covered steel/aluminum handle and/or covered Al forged heads.
- Unique "advance handle" design allows "pre-set" crimp cycle for faster, easier, multiple crimps.
- Insulated fiberglass extension handles available for hot line protection with lengths up to 48."



Versa-Crimp Remote Head Tools

- Quick disconnect convenience for remote hydraulics using 10,400 PSI pump or VHB intensifier.
- New VHB hand-held integrated hydraulic intensifier for truck powered systems: lightweight, fast crimping.
- VC6RH extension handle for easy hot line installations at 30,"48" and 72" lengths.



Versa-Crimp Battery Pack Tools

- Electro-Hydraulic tool portability in new lighter, faster crimp package under 12 lbs including:
- Two 14.4 long life DC high current batteries delivering 50 or more crimps per charge.
 - 120V charger that quickly recharges batteries in 20 minutes (12VDC or 240VAC charger optional).
- "Smart Monitor" LED indicator batteries standard. Non-LED batteries also available.*

Anderson Compression Connectors

Versa-Crimp Connectors Complete the System: Saving Time and Money



Versa-Crimp is the only system offering range-taking convenience in compression connections, previously limited to mechanical set screw lugs or bolted connectors. This unique design principle enables tested and proven range-taking crimp performance when applied to Anderson standard lugs, splices and terminals, plus extended range-taking when used with Versa-Crimp splice, lug and tap lines. Each Versa-Crimp size fits more conductors; cutting inventory, time and money.

■ **Benefits:**

- Meets or exceeds crimp requirements for Versa-Crimp and other connectors rated ANSI C119.4 Class 1 "Full Tension."
- Fast and Easy-to-install Connectors, standard lines also accept die-type tooling.
- Reduced SKU tracking and inventory cost with Versa-Crimp Tools.
- Full product range of:
 - Splices - Minimum, Partial, Full Tension, Al/Cu
 - Lugs - Al/Cu
 - Stirrups, Tees and Taps - Al/Cu
 - Pin Terminals - Bi-metal/Al

— **Dependable and Secure Connections** —

All Versa-Crimp Tools and Connectors are Tested to UL, CSA, NEMA and/or ANSI C119.4 Standards.

Range-Taking Performance

Reduce Inventory, SKUs and Cost with Versa-Crimp Tools

The Versa-Crimp compression system is range-taking. One Versa-Crimp compression connector can replace many standard compression connectors. For example, the VCSE-66 size splice is capable of replacing up to 25 standard VAUS or other splices, reducing inventory by 75% or more.

Versa-Crimp® Connector
with Versa-Crimp Tooling
Type VCSE

Versatile™ Connector
with Standard Die-Type Tooling
Type VAUS

Side A
#4 – 4/0 ACSR
#4 – 266.8 AAC
#4 Sol. – 250 Cu

VCSE-66

Side B
#4 – 4/0 ACSR
#4 – 266.8 AAC
#4 Sol. – 250 Cu



Versa-Crimp® Tool



Standard Die-Type

Side A		0.840 Die Type VAUS	Side B	
ACSR	AL/Cu		ACSR	AL/Cu
Seven 5/8" die splices through 1/0 plus (18) 0.840 splices:				
1/0	1/0	VAUSH1/01	#2	#1
1/0	1/0	VAUS1/01/0	1/0	1/0
2/0	2/0	VAUS2/06	#6	#6-#4S
2/0	2/0	VAUS2/04	#4	#4-#2S
2/0	2/0	VAUS2/01	#2	#2-#1
2/0	2/0	VAUS2/01/0	1/0	1/0
2/0	2/0	VAUS2/02/0	2/0	2/0
3/0	3/0	VAUS3/04	#4	#4-#2
3/0	3/0	VAUS3/01	#2	#2-#1
3/0	3/0	VAUS3/01/0	1/0	1/0
3/0	3/0	VAUS3/02/0	2/0	2/0
3/0	3/0	VAUS3/03/0	3/0	3/0
4/0	4/0-250	VAUS4/04	#4	#4-#2
4/0	4/0-250	VAUS4/01	#2	#2-#1
4/0	4/0-250	VAUS4/01/0	1/0	1/0
4/0	4/0-250	VAUS4/02/0	2/0	2/0
4/0	4/0-250	VAUS4/03/0	3/0	3/0
4/0	4/0-250	VAUS4/04/0	4/0	4/0-250

The Right Tool and Connector Solution

Anderson compression tools and connectors offer a variety of ranges, features, and functions for all compression needs. Selecting the proper tool and compression connector depends on compression requirements, conductor, and range.

Compression Needs	Maximum Range	Tools
Panel Boards/Service Entrances	350	VC6-350, VC6-500, VC6-3
Secondary Taps/Distribution/OVH	500	VC6-500, VC6-3 (VC7)
Contractor Services/URD	750	VC6-FT (VC7FT)
Transmission	1000 Al/1500 Cu	VC8

Splices

Lugs

	Minimum Tension	Partial/Full Tension	ACSR	OEM	Commercial/Industrial	Utility	Substation/Transmission
Copper	VHSS VHS	VDD (VC)		VCEL (VC)	VHCS	VHCL CHL CSL CHLN	BCL
Aluminum	VACS VANS VCSE (VC)	PTA VANS VCSN (VC) FTA VCJS	VCJS (VC) PTR VC-RM VC-R FTR	VCEL (VC)	VACL	VAUL AHL ATL VCTL	CCL ACF CCLS VCTL

Pin Terminals

Meter Pins

Tees


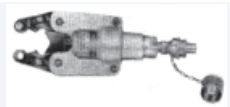

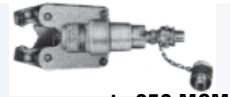














Taps/Grounds

Stirrups

Copper			VCCT (VC)	VCUC (VC) VCRC (VC)	VCLSC (VC)
Aluminum	PT/ PTH (BI-METALLIC)	CEP / CEPO	VC2T (VC) VCT (VC) VACT	VCU (VC) VCP (VC)	VCLS (VC) HLS

— Anderson Can Handle It! —
From #10 AWG (Al) to 1500 MCM Cu & 1113 ACSR

Choose the Right Tool for the Job

Maximum Range	Battery Pack	Hydraulic Remote Head	Hand Operated	
350 MCM #10 Str. – 350 Al #10 Str. – 266 ACSR H-Taps: #4 – 4/0 ACSR (Full Tension) #10 – 300 Cu	VC6-350-BP 	VC6-350R 	VC6-350 	
	<ul style="list-style-type: none"> • Crimps “H” Tap connectors using D/O Die Nib included (with closed jaws) • Crimps standard and Versa-Crimp connectors to 350 MCM with open jaws 	VC6-350R-SN 	VC6-350-SN 	<ul style="list-style-type: none"> • Snub-nose design for tight spaces – up to 350 MCM for panels • Direct connector access through front opening
500 MCM #10 Str. – 500 Al/Cu	VC6-500-BP 			
	VC6-3-BP 	VC6R 	VC6-3 	
	<ul style="list-style-type: none"> • Snub-nose design for in-and-out tight spaces – front jaw opening up to 500 MCM for panels • Direct access to 500 MCM Al connector allowed by notched-top tool 	VC7R Cu Only 	VC7 Cu Only 	<ul style="list-style-type: none"> • Direct access to 500 MCM Cu connector allowed by notch-top tool head • For multi-strand/rope lay copper cable in mining, marine, and industrial applications
750 MCM #10 Str. – 750 Al/Cu	VC6-FT-BP 	VC6-FTR 	VC6-FT 	
	<ul style="list-style-type: none"> • Easy access to larger Al/Cu connectors or in limited spaces provided by flip-top latch 	VC7-FTR Cu Only 	VC7-FT Cu Only 	<ul style="list-style-type: none"> • Clear, easy access to larger Cu connectors and in limited spaces provided by flip-top latch • For multi-strand/rope lay copper cable in mining, marine, and industrial applications
1000 – 1500 MCM 3/0 Str. – 1033 Al/Cu 3/0 Str. – 1113 (54/7) ACSR (U) 500 Str. – 1500 Cu (C/U)		VC8C AL/Cu 	VC8U AL-Cu ACSR 	
<ul style="list-style-type: none"> • Clear, easy access to larger connectors or in limited spaces provided by flip-top latch • Hanger bail assists in carrying and positioning during use • VC8U has 4 extra crimp nibs marked “ST” for use on steel inner sleeve core ACSR FT sleeves 				

Don't Forget Your Accessories

Battery Powered ACSR/ACSS Conductor Cutting Tool

- VCACSRCC-BP cuts ACSR, ACSS, and Al/Cu to 1.50" and guy wire, rod, and bolts to 5/8."
- "Pistol" grip made for one-handed operations. Ideal for aerial or trench work.
- Two "Smart Monitor" batteries (VCBP-SM) and AC charger included.
- * Standard VCBP (non-LED) batteries optional.



Battery Powered Ratchet Cutter

- VCHDCC-BP and VCCC-BP hand-grip ratchet cutters cut heavy-duty cable up to 2" (VCCC-BP) and 2-1/8" (VCHDCC-BP), Al to 1500 MCM and bare Cu to 1000 MCM.
- VCHDCC-BP cuts ACSR to 636 MCM.
- Flip-top cutter blade provides clear and easy positioning on cable with overload protection.



Hand-Held Hydraulic Intensifier/Booster

- VHB-2HP10 hand-held intensifier designed for remote Versa-Crimp compression tools.
- For operation on accumulator (closed center std.) truck hydraulic system.
- Side bracket mounts to bucket lip; unit attaches to hydraulic tool head for in-line assembly.
- Increases truck's hydraulic low pressure to 10,400 PSI for all remote head tools.
- * VHB2M10 hydraulic bench-top booster also available (gauge shown sold separately).



Electric Powered Pump

- PW-115/230V-HD designed for heavy-duty use of remote head compression tools.
- 115/230 volt AC 1-1/2 HP electric motor driven pump with 10,400 PSI relief valve.
- * Versa-Crimp battery or gas powered operating pumps and VCVE electrically activated control handle also available plus standard model 1 HP PW115V pump.



Powered Fiberglass Extension Stick

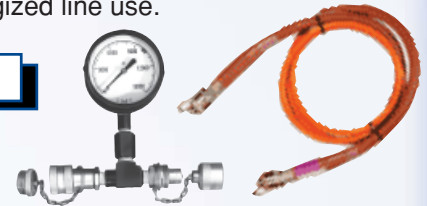
- VC6RH designed for all remote power operated Versa-Crimp compression tools.
- Installed between crimping head and control handle (high pressure) for energized line use.



Hydraulic Hose Assemblies: 10,000 and 2,000 PSI

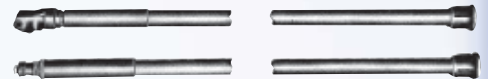
- Orange, non-conductive high and low pressure hydraulic hose assemblies.
- 3/8" NPT male ends - low pressure VCM3LPN, high pressure VCM3HPN.
- 3/8" NPT female ends - high pressure VC3BN.

*VC quick coupler adaptor assemblies and VCLPG in-line or VCHTG direct reading pressure gauge also available.



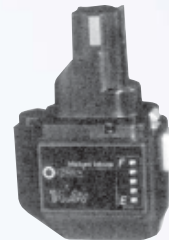
Fiberglass Extension Handle

- VCF designed for hand-operated tools, tested to 100,000 volts per foot.
- For energized line operation. Can be field installed by easy exchange of handles on VERSA-CRIMP hand-held units. Factory installed handles available.



14.4V DC "Smart Monitor" and Standard Batteries

- 1 Year warranty on both the VC-BP-SM and VC-BP.
- LED display indicates % charge remaining. Approximately 1000 recharges.
- *VC-DCC (12VDC), VC-ACCQ (120VAC and 240VAC) battery chargers also available.


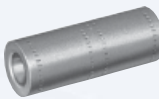

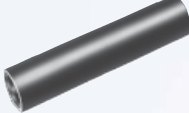






Call 1-573-682-5521 or view our full catalog online at www.hubbelpowersystems.com
— More Compression Products and Options Available —

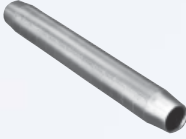
A Broad Selection of Industry Leading Compression Products

Anderson Compression Splices (See new general catalog for details)






Minimum Tension Splices (5% of conductor RBS) in Aluminum and Copper

VCSE	VACS	VAUS	VHSS	VHS
	 		 	 
Aluminum Versa-Crimp 6 P/N's Cover: #10 – 750 AAC #8 – 636 ACSR #10 Sol. – 500 Cu	Aluminum Versatile #8 Str. – 1000 MCM Al #8 Str. – 500 MCM Cu	Aluminum Versatile #6 Str. – 500 Sol. Al #6 – 795 ACSR #8 Str. – 500 Sol. Cu	Copper Versatile Standard Barrel #6 – 750 Cu	Copper Versatile Long Barrel #6 – 1500 Cu



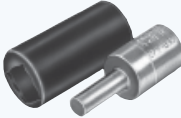

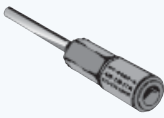
Partial Tension Splices (40% of conductor RBS) in Aluminum

VCSN	VCJS-R	VANS	PTA	PTR
				
Aluminum Versa-Crimp 1 P/N Covers: Service Entrance #4 – 1/0 AAC #6 – 1/0 ACSR	Aluminum Versa-Crimp 9 P/N's Cover: #6 – 1033.5 AAC #6 – 1033.5 ACSR	Aluminum Versatile Service Entrance #8 Str. – 1/0 Str. Al #6 – 1/0 Str. ACSR #8 Str. – 1/0 Str. Cu	Aluminum #4 Str. – 800 AAC	Aluminum #2 – 4/0 AAAC #2 – 795 AAC #2 – 795 ACSR

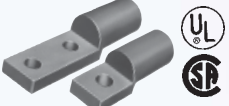

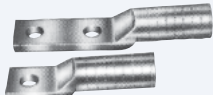


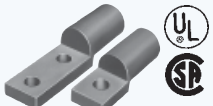

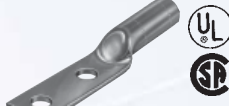
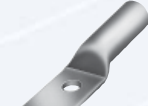




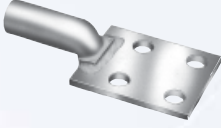

Full Tension Splices (95% of conductor RBS) in Aluminum and Copper

VC-A/R, VC-R	VC-RM	VCC	FTA	FTR
				
Aluminum Versa-Crimp 13 P/N's Cover: #4 – 740.8 AAAC #4 – 795 AAC 397.5 – 795 ACSR	Aluminum Versa-Crimp 5 P/N's Cover: 266.8 – 954 ACSR	Copper Versa-Crimp 5 P/N's Cover: #6 – 4/0 Cu 8A – 1/0F CW	Aluminum #4 Str. – 800 Al	Aluminum Jiffy Splice #4 – 4/0 AAAC #4 – 795 AAC #4 – 795 ACSR


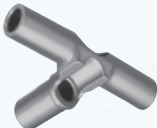


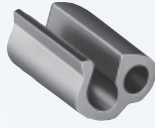


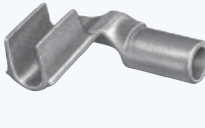


Repair Sleeves, Covers, and Pin Terminals

VCRS	SEC	CEP/CEPO	PT/PTH
		 	
Aluminum Versa-Crimp 5 P/N's Cover: Repair Sleeve #4 – 636 AAC #4 – 636 ACSR	Cover for minimum tension splice For use on any 5/8" OD sleeve up to 2" long and .840 OD sleeve up to 4" long	Aluminum Versatile Equipment Adapter #4 Str. – 750 MCM Al (Straight and Offset Types)	Bi-Metallic #8 Sol. – 1033 Al #6 – 954 ACSR

Anderson Compression Lugs

VCEL	VACL	VAUL	AHL	ATL
				
Aluminum Versatile Equipment Terminal 1/0 Str. – 1000 MCM Al 1/0 Str. – 500 MCM Cu	Aluminum Versatile Short Barrel #8 Str. – 1000 MCM Al #8 Str. – 500 MCM Cu	Aluminum Versatile Standard Barrel #8 Str. (#6 Sol.) – 1000 MCM Al #6 Str. – 954 ACSR #8 Str. (#6 Sol.) – 500 MCM Cu	Aluminum Stacking Lug 1/0 Str. – 800 Al/Cu	Aluminum Stacking Lug 1/0 Str. – 800 Al/Cu
VCELC	VHCS	VHCL	CHL	CSL
				
Copper Versatile Equipment Terminal #6 Str. – 750 MCM Cu	Copper Versatile Short Barrel #6 Str. – 750 MCM Cu	Copper Versatile Standard Barrel #6 Str. – 1000 MCM Cu	Tinned Copper Stacking Lug 1/0 Str. – 1000 Str. Cu	Tinned Copper Stacking Lug 1/0 Str. – 1000 Str. Cu
VCTL	CCLS	ACF/CCL	CHLN	BCL
				
Aluminum Versa-Crimp XL Barrel – Partial Tension 15 P/N's Cover: #4 – 1033.5 AAC #4 – 954 ACSR #4 – 500 Cu	Aluminum Cable to Flat #2 – 3500 AAC #2 – 2156 ACSR	Aluminum Cable to Flat 2/0 – 3500 AAC 2/0 – 2158 ACSR	Tinned Copper Cable to Flat 4/0 Str. – 1000 Str.	Copper Cable to Flat #4 Str. – 2000 MCM Cu

Anderson Compression Tees, Taps, and Stirrups

VCT	VC2T	VACT	VCCT	VCP
				
Aluminum/Copper Versa-Crimp 8 P/N's Cover: #6 – 500 AAC #6 – 477 ACSR #6 Sol. – 350 Cu 2/0 – 1000 Cu	Aluminum Versa-Crimp 1 P/N Cover: #4 Sol. – 4/0 AAC #4 – 4/0 ACSR #4 Sol. – 2a/0 Cu	Aluminum Versatile Tee #8 Str. – 750 MCM Al #8 Str. – 500 MCM Cu	Copper Versatile Tee #6 Str. – 750 AWG or MCM Cu	Aluminum Versa-Crimp 2 P/N's Cover: #8 – 2/0 AAC #8 – 1/0 ACSR #9 – #2 Cu
VCU / VCUC	VCL	VCRC	VCLSC / VCLS	HLS
				
Aluminum/Copper Versa-Crimp 6 P/N's Cover: #6 – 4/0 AAC #6 – 4/0 ACSR #8 – 2/0 Cu #6 Sol. – 4/0 Str. Cu or CW	Aluminum Versa-Crimp 3 P/N's Cover: #6 – 4/0 AAC #6 – 4/0 ACSR #10 Sol. – 2/0 Cu	Copper Versa-Crimp 2 P/N's Cover: 1/2-3/4 Ground Rods	Aluminum/Copper Versa-Crimp 7 P/N's Cover: #6 – 556 AAC #6 – 477 ACSR #6 Sol. – 4/0 Cu	Aluminum Versatile Tee #6 – 795 ACSR #6 Sol. – 800 Str. Al/Cu

For Ordering Information – Contact Your Local Authorized Hubbell Power Systems Distributor or a Hubbell Power Systems Customer Service Representative.

Tooling Manufactured in Hubbell's Elkton, TN, USA plant.

For Tool Warranty, Service and Repairs Call:

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HUBBELL POWER SYSTEMS
(931) 468-2563 - Ext. 1-315

Canada:
HUBBELL CANADA
(905) 839-4332

Mexico:
HUBBELL DE MEXICO
5255-9151-9999



- Full Tooling and Connectors information available in **NEW** Anderson/Fargo Distribution Connectors General Catalog, March 2004.
- Reference Tooling catalog included in Chance T-2000 Catalog (2004)
- See the Interactive E-Catalog and more at: www.hubbellpowersystems.com



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